

Abstract:

The invention relates to a device and a method for separating film layers (8), which consist of different materials and are joined together in an air-tight manner by adhesion, a material bond or similar forms of bonding, in a simple manner. In this case, separation means that only one respective layer (18) is pierced and raised by rotation by means of a screw-type thread (16), allowing a gaseous medium, (e.g. air) or liquid medium, (e.g. water) to be introduced into the gap that has been created between said layer and the second film layer (17). The method and the device are characterised in that they are simple and can be applied in any position on the film workpieces. No additional openings, distances, valves or similar in the films therefore need to be considered and no prior material treatment, (introduction of separation elements) is required in order to subsequently fill bags that are produced in this manner. Production costs are thus minimised, handling times are reduced and material expenditure or the creation of composites by the introduction of other materials is avoided. (Fig. 3)